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Search statement 1

Query/Command : us5792573/pn

** SS 1: Results 1

Search statement 2

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5792573 A 19980811 [US5792573]

TI - (A) Rechargeable battery adapted to be attached to orthopedic device

IN - (A) ALEXSON CHARLES E (US); PITZEN JAMES F (US); SMITH JEFFREY D (US)

AP - US69288696 19960724 [1996US-0692886]

PR - US69288696 19960724 [1996US-0692886]
US25833894 19940610 [1994US-0258338]

IC - (A) H01M-002/10

EC - B25F-005/02
H02K-007/14B
H02K-011/00

PCL - ORIGINAL (O) : 429097000; CROSS-REFERENCE (X) : 429098000 429099000

DT - Basic

CT -
USD364463; US2261230; US2460149; US3120845; US3494799; US3734207;
US3943934; US3999110; US4050528; US4091880; US4386609; US4441563; US4447749;
US4728876; US4736742; US4751452; US4834092; US4835410; US4871629; US4873461;
US5026384; US5089738; US5122427; US5136469; US5207697; US5213913; US5235261;
US5244755; US5263972; US5265343; US5306285; US5360073; US5388749; EP0272434;
DE3317398
Japanese Abstract, 1484694, Portable Drills, Aug. 27, 1974 (1 page).

Product brochure entitled: "Maxion.TM. Cordless Powered Instrument System", by 3M HealthCare, (31 pages). (No Date).

Product brochure entitled: "The K-100 Mini-Driver System, Cleaning and Lubrication", by 3M Surgical Products Division (5 pages). (No Date).

Product brochure entitled: "Cordless 800 Wire Driver", by Dyonics, 1984, (2 pages). (No Month).

Product brochure entitled: "Cordless 200 Reamer", by Dyonics, 1984, (2 pages). (No Month).

Product brochure entitled: "Cordless 450 Orthopaedic Drill", by Dyonics, 1984, (2 pages). (No Month).

Product brochure entitled: "Mini-Driver.TM. Air Instrument System", by 3M, 1975, (4 pages). (No Month).

Product brochure entitled: "Acculan", by Aesculap.RTM., (4 pages). (No Date).

Product brochure entitled: "Cordless Sagittal Saw", by Dyonics, 1984, (2 pages). (No Month).

Product brochure entitled: "The Only Cordless Instrument Powerful Enough to be Stryker", by Stryker.RTM., (4 pages). (No Date).

Product brochure entitled: "System 2000 Battery Powered Instruments", by Stryker.RTM., 1993 (18 pages). (No Month).

Product brochure entitled: "System 2000 Battery Powered Instruments", by Stryker.RTM. (11 pages). (No Date).

Instruction Manual entitled: "The Hall.RTM. Orthair.TM. System" by Zimmer USA, (12

pages). (N0 Date).

Product brochure entitled: "Maxion.TM. Cordless Powered Instrument System, Assembly, Operation and Maintenance", by 3M HealthCare (6 ges). (No Date).

Hall.RTM. Versipower.TM. Dual Power Orthopaedic Instruments, by Zimmer, 1989, (6 pages). (No Month).

Product Insert entitled "Mark III Electric Tool" by Avery Dennison, (1 page). (No Date).

Operating Instructions entitled, "Mark III Electric Tool", by Avery Dennison, (12 pages). (No Date).

STG - (A) United States patent

AB - A cordless drive assembly for driving various orthopedic surgical instruments is described. The drive assembly is battery powered and includes tracks in the handle portion of its housing for receiving the battery. A latch locks the battery to the housing.

1 / 1 LGST - ©LEGSTAT

PN - US 5792573 [US5792573]

AP - US 692886/96 19960724 [1996US-0692886]

DT - US-P

ACT - 19960724 US/AE-A
APPLICATION DATA (PATENT)
US 692886/96 19960724 [1996US-0692886]

19980811 US/A
PATENT

20001003 US/RF
REISSUE APPLICATION FILED
20000811

20011204 US/RF
REISSUE APPLICATION FILED
20010305

UP - 2001-50

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,792,573 A 19980811 [US5792573]

PA - Alexson, Charles E; Pitzen, James F; Smith, Jeffrey D

ACT - 20000811 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001003
REISSUE REQUEST NUMBER: 09/637339
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1741

Reissue Patent Number:

20010305 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20011204
REISSUE REQUEST NUMBER: 09/954526
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1741

Reissue Patent Number:

20010326 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: MINNESOTA MINING AND MANUFACTURING COMPANY DATE
SIGNED: 09/19/2000

Assignee: LINVATEC CORPORATION 11311 CONCEPT BLVD LARGO, FLORIDA
33733

Reel 011648/Frame 0232

Contact: LINVATEC CORPORATION GENE WARZECHA 11311 CONCEPT BLVD
LARGO, FL 33773

1 / 1 PAST - ©Thomson Derwent

AN - 200040-000916
PN - 5792573 A [US5792573]
OG - 2000-10-03
ACT - REISSUE APPLICATION FILED

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1 / 3 INPADOC - ©INPADOC

PN - DE 29509191 U1 19951005 [DE29509191]
TI - ORTHOPAEDISCHE OPERATIONSVORRICHTUNG
PA - MINNESOTA MINING & MFG [US]
AP - DE 29509191/95-U 19950602 [1995DE-2009191]
PR - US 258338/94-A 19940610 [1994US-0258338]
IC - A61B-017/00; H02J-007/00; H02P-007/00; H02K-007/10; H02K-007/14; A61B-017/068;
A61B-017/10; A61B-017/14; A61B-017/16; A61B-017/56; A61B-017/68

2 / 3 INPADOC - ©INPADOC

PN - US 5553675 A 19960910 [US5553675]
TI - ORTHOPEDIC SURGICAL DEVICE
IN - PITZEN JAMES F [US]; SMITH JEFFREY D [US]; ALEXSON CHARLES E [US]
PA - MINNESOTA MINING & MFG [US]
AP - US 258338/94-A 19940610 [1994US-0258338]
PR - US 258338/94-A 19940610 [1994US-0258338]
IC - A61B-017/32

1 / 1 LEGALI - ©LEGSTAT

PN - US 5553675 [US5553675]
AP - US 258338/94 19940610 [1994US-0258338]
DT - US-P
ACTE - 19940610 US/AE-A
APPLICATION DATA (PATENT)
US 258338/94 19940610 [1994US-0258338]

19940610 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
MINNESOTA MINING AND MANUFACTURING COMPANY P.O. BOX 33427 ST.
PAUL, MN 55133-34 * PITZEN, JAMES F. : 19940610; SMITH, JEFFREY D. :
19940610; ALEXSON, CHARLES E. : 19940610

19960910 US/A
PATENT
UP - 1999-18

3 / 3 INPADOC - ©INPADOC

PN - US 5792573 A 19980811 [US5792573]
TI - RECHARGEABLE BATTERY ADAPTED TO BE ATTACHED TO ORTHOPEDIC
DEVICE
IN - PITZEN JAMES F [US]; SMITH JEFFREY D [US]; ALEXSON CHARLES E [US]
PA - PITZEN JAMES F [US]; SMITH JEFFREY D [US]; ALEXSON CHARLES E [US]
AP - US 692886/96-A 19960724 [1996US-0692886]

PR - US 692886/96-A 19960724 [1996US-0692886]
US 258338/94-A3 19940610 [1994US-0258338]
IC - H01M-002/10

1/1 LEGALI - ©LEGSTAT

PN - US 5792573 [US5792573]
AP - US 692886/96 19960724 [1996US-0692886]
DT - US-P
ACTE - 19960724 US/AE-A
APPLICATION DATA (PATENT)
US 692886/96 19960724 [1996US-0692886]

19980811 US/A
PATENT

20001003 US/RF
REISSUE APPLICATION FILED
20000811

20011204 US/RF
REISSUE APPLICATION FILED
20010305

UP - 2001-50

PATNO IS 5792573

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PATNO IS 5792573

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LEVEL 1 - 1 PATENT

1. 5792573 , August 11, 1998 , Rechargeable battery adapted to be attached to orthopedic device , Pitzen, James F., P.O. Box 33427 St. Paul, MN 55133-3427; Smith, Jeffrey D., P.O. Box 33427 St. Paul, MN 55133-3427; Alexson, Charles E., P.O. Box 33427 St. Paul, MN 55133-3427, 08692886

CORE TERMS: battery, drive, housing, terminal, handle, cell, orthopedic, handgrip, cantilever, electrical ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5792573

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August 11, 1998

Rechargeable battery adapted to be attached to orthopedic
device

REISSUE: March 5, 2001 - Reissue Application filed Mar. 5, 2001 (O.G. Dec. 4, 2001) Ex. Gp.: 1741; Re. S.N. 09/954,526 Reissue Application filed Aug. 11, 2000 (O.G. Oct. 3, 2000) Ex. Gp.: 1741; Re. S.N. 09/637,339 December 4, 2001

APPL-NO: 08692886

FILED-DATE: July 24, 1996

GRANTED-DATE: August 11, 1998

CORE TERMS: battery, drive, housing, terminal, handle, cell, orthopedic, handgrip, cantilever, electrical ...

ENGLISH-ABST:

A cordless drive assembly for driving various orthopedic surgical instruments is described. The drive assembly is battery powered and includes tracks in the handle portion of its housing for receiving the battery. A latch locks the battery to the housing.

5792573 OR 5,792,573

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